CINT2000 Result

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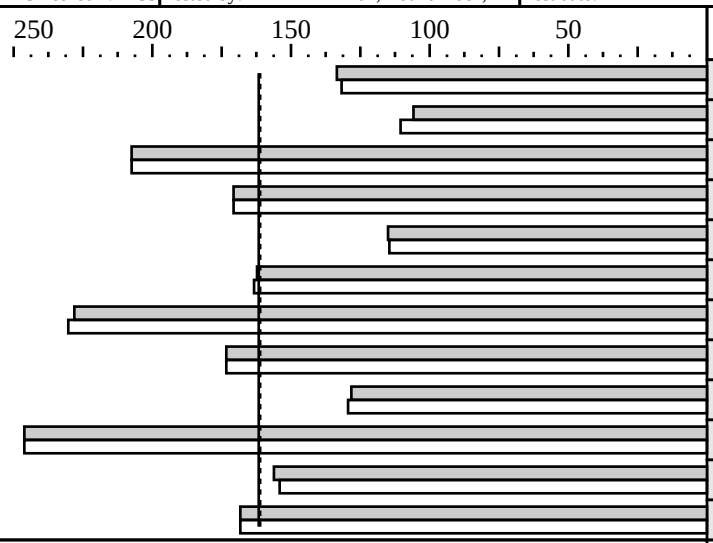
Dell

PowerEdge 6850 (Intel Xeon processor 7140M, 3.40GHz)

SPECint_rate2000 = 162

SPECint_rate_base2000 = 161

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2006 | Hardware Avail: Aug-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	16	195	133	16	197	132
175.vpr	16	246	106	16	235	110
176.gcc	16	98.4	207	16	98.4	207
181.mcf	16	196	171	16	196	171
186.crafty	16	161	115	16	162	115
197.parser	16	206	162	16	205	163
252.eon	16	106	228	16	105	230
253.perlbmk	16	193	173	16	193	173
254.gap	16	159	128	16	158	129
255.vortex	16	143	246	16	143	246
256.bzip2	16	178	156	16	181	154
300.twolf	16	331	168	16	331	168

Hardware

CPU:	Intel Xeon processor 7140M (800MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	16384KB on chip, per chip
Other Cache:	N/A
Memory:	8x2GB (dual-ranked) ECC 400MHz DDR2 SDRAM
Disk Subsystem:	1 x 73GB SCSI 15000 RPM
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler:	Intel C/C++ Compiler 9.1 for IA32(20060323Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY FLAGS
  176.gcc:     -Dalloca=_alloca /F10000000
  186.crafty:  -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
BASE TUNING
  C:           -fast +FDO shlW32M.lib
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     -fast +FDO
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  -fast +FDO
  252.eon:     -fast +FDO
  253.perlbmk: basepeak=yes
```

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Notes/Tuning Information (Continued)

```
  254.gap:     -fast +FDO
  255.vortex   basepeak=yes
  256.bzip2:   -fast -Qunroll1 -Oa +FDO
  300.twolf:   basepeak=yes
This result was measured on the Dell PowerEdge 6850.
The PowerEdge 6800 and PowerEdge 6850 are electronically equivalent.

The binaries were built on a system running Windows XP Professional
(32-bit) with an Intel processor supporting SSE3 (allows -QxP).
```